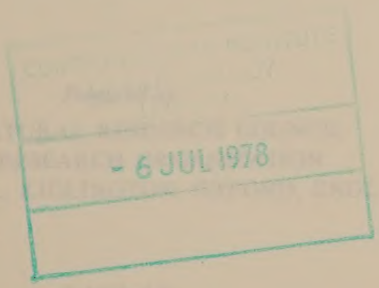
WEED ABSTRACTS

Combined Table of Contents

and

Annual Indexes

Volume 13



WEED ABSTRACTS

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To ensure that papers are abstracted and their contents given notice in *Weed Abstracts* with the minimum of delay, authors are invited to send to the Editor copies of any papers they write immediately on publication.

Technical literature of all kinds published by commercial organizations is also required.

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Abbreviations

ac	acre	h.p.	horse power	%	percent(age)
a.e.	acid equivalent	hr.	hour	ppm.	parts per million
a.i.	active ingredient	in.	inch	post-em.	post-emergence
atm.	atmosphere	kg	kilogram	pre-em.	pre-emergence
bu	bushel	l.	litre	p.s.i.	pounds per square inch
cm	centimetre	lb	pound	sec.	second
cwt	hundredweight	m	metre	sq.	square
d.b.h.	diameter at breast height	m^2	square metre	v/v	volume/volume
diam.	diameter	min.	minute	w/v	weight/volume
ft	foot	ml	millilitre (cc)	w/w	weight/weight
g	gramme	mm	millimetre	>	more than
gal	gallon	m.p.h.	miles per hour	<	less than
ha	hectare	[n.d.]	not dated	#	pounds per acre
hkg	hectokilogram	oz	ounce	±	with or without

Languages

An initial capital denotes the language of the paper, a small letter the language of the summary.

A.	Afrikaans	Fin.	Finnish	Jap.	Japanese	S.-Cr.	Serbo-Croat
B.	Bulgarian	Fl.	Flemish	Nor.	Norwegian	Span.	Spanish
Cz.	Czechoslovakian	Fr.	French	P.	Polish	Sw.	Swedish
Dan.	Danish	G.	German	Por.	Portuguese	Turk.	Turkish
Du.	Dutch	H.	Hungarian	Ro.	Romanian		
E.	English	It.	Italian	R.	Russian		

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Unless otherwise stated, rates of application for growth-regulator herbicides such as 2,4-D, MCPA, fenoprop, dalapon, the benzoics, etc. are given as the acid equivalent. Rates for other herbicides such as the ureas, carbamates, triazines, etc. are given as the active ingredient. Rates for diquat and paraquat refer to the cation, only.

List of common names and abbreviations used for herbicides in Weed Abstracts

An asterisk (*) signifies approval by the British Standards Institution (BSI)
A dagger (†) signifies approval by the Weed Society of America (WSA)
Where the name approved by the WSA differs from that approved by the BSI, the WSA name is given in brackets after the chemical name.

acrolein†	acrylaldehyde
ametryne*†	4-ethylamino-6-isopropylamino-2-methylthio-1,3,5-triazine
amitrole†	3-amino-1,2,4-triazole
amitrole-T	3-amino-1,2,4-triazole + NH_4SCN
AMS†	ammonium sulphamate
atraton*	4-ethylamino-6-isopropylamino-2-methoxy-1,3,5-triazine (atratone)
atrazine*†	2-chloro-4-ethylamino-6-isopropylamino-1,3,5-triazine
barban*†	4-chlorobut-2-ynyl *N*-(3-chlorophenyl)carbamate
BiPC	1-methylprop-2-ynyl *N*-(3-chlorophenyl)carbamate
bromacil*†	5-bromo-6-methyl-3-(1-methylpropyl) uracil
bromoxynil*	3,5-dibromo-4-hydroxybenzonitrile
buturon*†	*N′*-(4-chlorophenyl)-*N*-isobutinyl-*N*-methylurea
CDAA†	*NN*-diallylchloroacetamide
CDEA†	*NN*-diethylchloroacetamide
CDEC†	2-chloroallyl *NN*-diethyl-dithiocarbamate
chloramben*	3-amino-2,5-dichlorobenzoic acid (amiben)
chlorazine*†	2-chloro-4,6-bisdiethylamino-1,3,5-triazine
chlordane*†	1,2,4,5,6,7,10,10-octachloro-4,7,8,9-tetrahydro-4,7-methyleneindane
chloroxuron*†	*N′*-4-(4-chlorophenoxy)phenyl-*NN*-dimethylurea
chlorpropham*	isopropyl *N*-(3-chlorophenyl)carbamate (CIPC)
4-CPA*†	4-chlorophenoxyacetic acid
cycluron*†	*N′*-cyclo-octyl-*NN*-dimethylurea
2,4-D*†	2,4-dichlorophenoxyacetic acid
dalapon*†	2,2-dichloropropionic acid
dazomet*	3,4,5,6-tetrahydro-3,5-dimethyl-2-thio-2*H*-1,3,5-thiadiazine (DMTT)
2,4-DB*†	4-(2,4-dichlorophenoxy)butyric acid
DCU†	dichloral urea
2,4-DEP†	tris-(2,4-dichlorophenoxyethyl)phosphite
2,4-DES*	2-(2,4-dichlorophenoxy)ethyl hydrogen sulphate (sesone)
desmetryne*†	4-isopropylamino-6-methylamino-2-methylthio-1,3,5-triazine
di-allate*	*S*-2,3-dichloroallyl *NN*-di-isopropylthiolcarbamate
dicamba*†	3,6-dichloro-2-methoxybenzoic acid
dichlobenil*†	2,6-dichlorobenzonitrile
dichlone*†	2,3-dichloro-1,4-naphthaquinone
dichlorprop*	*dl* 2-(2,4-dichlorophenoxy)propionic acid
dicryl†	*N*-(3,4-dichlorophenyl)methacrylamide
dimexan*	di(methoxythiocarbonyl)disulphide
dinosam*	2-(1-methyl-*n*-butyl)-4,6-dinitrophenol (DNAP)
dinoseb*	2-(1-methylpropyl)-4,6-dinitrophenol (DNBP)
diphenamid†	*NN*-dimethyl-αα-diphenylacetamide
diphenatrile†	diphenylacetonitrile
dipropalin†	2,6-dinitro-*NN*-dipropyl-4-methylaniline
diquat*†	9,10-dihydro-8a,10a-diazoniaphenanthrene-*2A*
diuron*†	*N′*-(3,4-dichlorophenyl)*NN*-dimethylurea
DMPA†	*O*-(2,4-dichlorophenyl) *O′*-methyl *N*-isopropyl phosphoroamidothioate
DNOC*	2-methyl-4,6-dinitrophenol (DNC)
endothal*†	7-oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid
EPTC†	*S*-ethyl *NN*-dipropylthiolcarbamate
erbon†	2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate
EXD†	di(ethoxythiocarbonyl) disulphide
fenac†	2,3,6-trichlorophenylacetic acid
fenoprop*	*dl* 2-(2,4,5-trichlorophenoxy)propionic acid (silvex)
fenuron*†	*NN*-dimethyl-*N′*-phenylurea
fenuron-TCA†	*NN*-dimethyl-*N′*-phenyluronium trichloroacetate
IAA	indolyl acetic acid
ipazine*†	2-chloro-4-diethylamino-6-isopropylamino-1,3,5-triazine
ioxynil*†	4-hydroxy-3,5-di-iodobenzonitrile
isocil*†	5-bromo-3-isopropyl-6-methyluracil
linuron*†	*N′*-(3,4-dichlorophenyl)-*N*-methoxy-*N*-methylurea
MCPA*†	4-chloro-2-methylphenoxy acetic acid
MCPB*†	4-(4-chloro-2-methylphenoxy)butyric acid
mecoprop*	*dl* 2-(4-chloro-2-methylphenoxy)propionic acid (MCPP)
metham*	*N*-methyldithiocarbamic acid (SMDC)
MH†	1,2,3,6-tetrahydro-3,6-dioxopyridazine

monolinuron*†	*N'*-(4-chlorophenyl)-*N*-methoxy-*N*-methylurea
monuron*†	*N'*-(4-chlorophenyl)-*NN*-dimethylurea
monuron-TCA†	*N'*-(4-chlorophenyl)-*NN*-dimethyluronium trichloroacetate
NAA	naphthyl acetic acid
naptalam*	*N*-1-naphthylphthalamic acid (NPA)
neburon*†	*N*-butyl-*N'*-(3,4-dichlorophenyl)-*N*-methylurea
norea†	*N'*-(hexahydro-4,7-methanoindan-5-yl)-*NN*-dimethylurea
paraquat*†	1,1'-dimethyl-4,4'-bipyridylium-2*A*
PCP†	pentachlorophenol
PEBC†	*S*-propyl *N*-butyl-*N*-ethylthiolcarbamate
picloram*†	4-amino-3,5,6-trichloropicolinic acid
prometon*	4,6-bisisopropylamino-2-methoxy-1,3,5-triazine (prometone)
prometryne*†	4,6-bisisopropylamino-2-methylthio-1,3,5-triazine
propanil†	*N*-(3,4-dichlorophenyl) propionamide
propazine*†	2-chloro-4,6-bisisopropylamino-1,3,5-triazine
propham*	isopropyl *N*-phenylcarbamate (IPC)
proxan*	*M*-isopropyl xanthate (IPX)
pyrazon*†	5-amino-4-chloro-2-phenyl-3-pyridazone
simazine*†	2-chloro-4,6-bisethylamino-1,3,5-triazine
simeton*	4,6-bisethylamino-2-methoxy-1,3,5-triazine (simetone
simetryne*†	4,6-bisethylamino-2-methylthio-1,3,5-triazine
SMA	sodium monochloroacetate
solan†	*N*-(3-chloro-4-methylphenyl)-2-methylpentanamide
swep†	methyl-*N*-(3,4-dichlorophenyl) carbamate
2,4,5-T*†	2,4,5-trichlorophenoxyacetic acid
2,4,5-TB	4-(2,4,5-trichlorophenoxy)butyric acid
2,3,6-TBA†	2,3,6-trichlorobenzoic acid
TCA†	trichloroacetic acid
2,4,5-TES†	2-(2,4,5-trichlorophenoxy)ethyl hydrogen sulphate
tri-allate*†	*S*-2,3,3-trichloroallyl *NN*-di-isopropylthiolcarbamate
tricamba*†	3,5,6-trichloro-2-methoxy benzoic acid
trietazine*†	2-chloro-4-diethylamino-6-ethylamino-1,3,5-triazine
trifluralin†	2,6-dinitro-*NN*-dipropyl-4-trifluoromethylaniline
trimeturon*†	*N'*-(4-chlorophenyl)-*ONN*-trimethylisourea

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SUBJECT INDEX

In general, the Subject Index is not intended to duplicate the Table of Contents or the Species Index. For example, the reader should not look under Grassland in the Subject Index if he wants every reference to (say) ryegrass or to grassland. In the first case he should look under *Lolium* in the Species Index, and, in the second, under Grassland and Herbage Crops in the Table of Contents.

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